

**Application Data Sheet**  
**Application Information**

**Application number::** Unassigned

**Filing Date::** July 28, 2003

**Application Type::** Regular

**Subject Matter::** Utility

**Suggested classification::**

**Suggested Group Art Unit::**

**CD-ROM or CD-R?::** None

**Number of CD disks::** None

**Number of copies of CDs::** None

**Title::** METHOD FOR SPINDLE BEARING FRICTION ESTIMATION FOR RELIABLE DISK  
DRIVE STARTUP OPERATION

**Attorney Docket Number::** PANA-01066US3 SRM/TAW

**Request for Early Publication?::** No

**Request for Non-Publication?::** No

**Suggested Drawing Figure::** None

**Total Drawing Sheets::** 2

**Small Entity?::** No

**Petition included?::** No

**Licensed US Govt. Agency::** No

**Secrecy Order in Parent Appl.?::** No

**Applicant Information**

**Applicant Authority Type::** Inventor

**Primary Citizenship Country::** US

**Status::** Full Capacity

**Given Name::** Brian

**Middle Name::** K.  
**Family Name::** Tanner  
**City of Residence::** San Jose  
**State or Province of Residence::** California  
**Country of Residence::** US  
**Street of mailing address::** 5947 Friar Way  
**City of mailing address::** San Jose  
**State or Province of mailing address::** CA  
**Country of mailing address::** US  
**Postal or Zip Code of mailing address::** 95129

### Correspondence Information

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### Representative Information

**Representative Customer Number::** 23910

### Domestic Priority Information

Application::	Continuity Type::	Parent Application::	Parent Filing Date::
This Application	An application claiming benefit under 35 USC 119(e)	60/436,751	December 27, 2002

## **Assignee Information**

**Assignee Name::**

**Street of mailing address::**

**City of mailing address::**

**State or Province of mailing address::**

**Country of mailing address::**

**Postal or Zip Code of mailing address::**